

Quiz tomorrow

4.1-4.5

- Classify triangles
- Acute, Right, Obtuse, Equiangular
- Scalene, Isosceles, Equilateral
- Angle sum theorem
- Exterior angle theorem
- SSS, SAS, ASA, AAS, or HL
- Proofs and problems from "Congruent Triangles" worksheet
- CPCTC



Review Assignment:

p760-762

4.1 1-7

4.2 1-10

4.5 2, 3, 4 (2 column)

Lesson 4-1

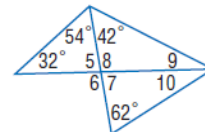
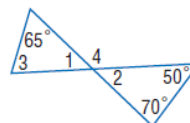
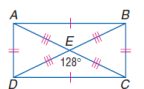
(pages 17

classify each triangle as *acute*, *equiangular*, *obtuse*, or *right*.



Identify the indicated type of triangles in the figure if $\overline{AB} \cong \overline{CD}$, $\overline{AD} \cong \overline{BC}$, $\overline{AE} \cong \overline{BE}$, $\overline{EC} \cong \overline{ED}$, and $m\angle BAD = m\angle ABC = m\angle BCD = m\angle ADC = 90$.

4. right
5. obtuse
6. acute
7. isosceles



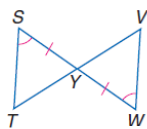
Lesson 4-2

Find the measure of each angle.

1. $\angle 1$
2. $\angle 2$
3. $\angle 3$
4. $\angle 4$
5. $\angle 5$
6. $\angle 6$
7. $\angle 7$
8. $\angle 8$
9. $\angle 9$
10. $\angle 10$

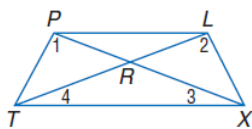
2. Given: $\angle S \cong \angle W$
 $\overline{SY} \cong \overline{YW}$

Prove: $\overline{ST} \cong \overline{WV}$



3. Given: $\angle 1 \cong \angle 2$, $\angle 3 \cong \angle 4$

Prove: $\overline{PT} \cong \overline{LX}$



4. Given: $\overline{FP} \parallel \overline{ML}$, $\overline{FL} \parallel \overline{MP}$

Prove: $\overline{MP} \cong \overline{FL}$

